

**Power saving circuit in a mobile device for wireless communication.**

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Inventor(s): HEINE KURT (DE)  
Applicant(s): LOEWE OPTA GMBH (DE)  
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**Abstract**

In a power-saving circuit in a mobile device for wireless communication with a fixed transceiver station, which mobile device has a reception and transmission circuit for sound and/or data signals and a power supply source with a battery or an accumulator, it being possible for the transmission power to be adjusted according to the distance between the device and the fixed transceiver station, the transmission power of the transmission circuit in the mobile device is adjusted according to

the received field strength of the received signal, which is a useful signal modulated with a carrier frequency. 

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